

**LANETTE® 20 PH****Further Product Name**

Ph. Eur.: "Cetostearylalcohol (type B), emulsifying"  
BP: "Emulsifying Wax"

**General Characterization**

LANETTE® 20 PH are white pellets with faint characteristic odour. The product is suited as anionic self-emulsifying base with consistency giving properties for the preparation of cosmetic O/W creams and lotions.

**Chemical description**

Mixture of cetylstearyl alcohol and sodium laurylsulfate

## Characteristic Values

The specifications stated below finally and conclusively describe the properties of the product.

### Quality control data

Data which is used for quality release and is specified for each batch.

Identification A	conforms (melting point)	BP Appendix V A
Identification B	conforms (sulfated ash)	BP Appendix IX A
Acidity	max 1.0 mL	BP
Alkalinity	conforms	BP
Alcohols	12.8 - 14.2 mL	BP
Iodine value	max 3.0	BP Appendix X E
Saponification value	max 2.0	BP Appendix X G
Sodium alkyl sulphates	min 8.7 % (anhydrous substance)	BP
Sulfated ash	1.8 - 3.3 %	BP Appendix IX A
Unsaponifiable matter	min 86.0 % (unhydrous substance)	BP
Water	max 4.0 %	BP Appendix IX C
Identification A	conforms	Ph. Eur. 2.2.27
Identification B	conforms	Ph. Eur. 2.2.28
Identification C	conforms	Ph. Eur. 0802
Identification D	conforms	Ph. Eur. 0802
Acid value	max 2.0	Ph. Eur. 2.5.1
Iodine value	max 3.0	Ph. Eur. 2.5.4 method A
Saponification value	max 2.0	Ph. Eur. 2.5.6
Water	max 3.0 %	Ph. Eur. 2.5.12
Cetostearyl alcohol	min 80.0 % (anhydrous substance)	Ph. Eur. 2.2.28
Sodium laurilsulfate	min 7.0 % (anhydrous substance)	Ph. Eur. 0802

### Methods of identification

As described in the current Monograph of the Ph. Eur. and BP.

### Methods of analysis

All test and assay methods are as described in the current Monograph of the Ph. Eur. and BP.

## Storage, Packaging and Shelflife

### Storage Conditions

In the original sealed containers LANETTE® 20 PH can be stored for at least two years, protected from moisture at below 30°C. LANETTE® 20 PH is stabilized with 0.12 % phosphate buffer.

Rev. 1.0

## Labeling Information & Registrations

### INCI name(s)

Cetearyl Alcohol (and) Sodium Lauryl Sulfate

### Composition hints for finished product label

Cetearyl Alcohol approx 90 %

Sodium Lauryl Sulfate approx 10 %

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